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Mo

MOSHER
INDUSTRIAL DOORS
. . . Proven by Years of Hangar Use

- Electrically Operated
- Priced to Compete with Manually Operated Doors
- Cost Less Than a Wall
- Fits Any Building—Old or New

MOSHER MANUFACTURING COMPANY
MINNEAPOLIS 13, MINNESOTA

MOSHER ELECTRICALLY OPERATED **DOORS**

Offers these Advantages

any width . . . almost any height

Mosher industrial doors can be furnished in any width, and in just about any height industry is likely to need. Multiple panels are used for widths beyond 80 feet.

inexpensive

Mosher doors actually cost less than a wall. They cost less installed than any similar doors cost before they're installed. Electrically operated, they are priced to compete with doors that have to be opened and closed manually.

for any building, old or new

Mosher doors fit any building of any type, old or new—frame, masonry, or metal structures. Prefabricated buildings, too. No special construction or superstructure is needed to support your Mosher industrial door.

electrically operated

Mosher doors are raised, lowered, stopped—all with a single electrical control, through a manual Up-Down-Off switch. A positively acting limit switch stops the operator automatically in the open or closed position without shock or jolt.

no new wiring

The Mosher door operator uses the same current as your electric razor. It can be plugged into any 110 volt a-c outlet. There is no large expensive motor requiring special wiring.

no obstructions

Mosher wide opening doors make every square foot of your building usable. There are no intermediate posts or other obstructions with even the widest Mosher door. And the raised door provides a protective canopy over the area just outside your building.

low maintenance cost

Mosher industrial doors cost practically nothing to maintain. Simple design eliminates expensive operating machinery. There are no balance springs, tracks, track rollers, guides, or counterweights to need adjustment or replacement.

withstands wind and flood

Mosher doors have withstood winds at velocities beyond 100 miles per hour. They have come safely through floods more than four feet deep. There is no need to remove ice or snow before a Mosher door can be operated.

FEATURES

Mosher doors are individually engineered for each building. Their sturdy construction is a result of an electrically welded strong steel frame on which is bolted and screwed inner and outer aluminum skins. To protect against heat, cold, or noise—fibre glass insulation is sandwiched between inner and outer coverings when specified. For metal buildings, an exterior surface can usually be furnished to match the building. Doors are fabricated, shipped, and erected in panels for easy handling and safer transit. The services of our supervisor during erection will reduce erecting costs and are recommended.

the operator

The Mosher door operator is mounted above the top of the door and controlled from a manually operated switch installed at any convenient point. The bottom of the door touches the building only when the door is closed. Operator holds door rigid at any degree of opening.

glazing

Glazed panels are furnished when specified. Corrugated plastic panels are also available.

bi-fold

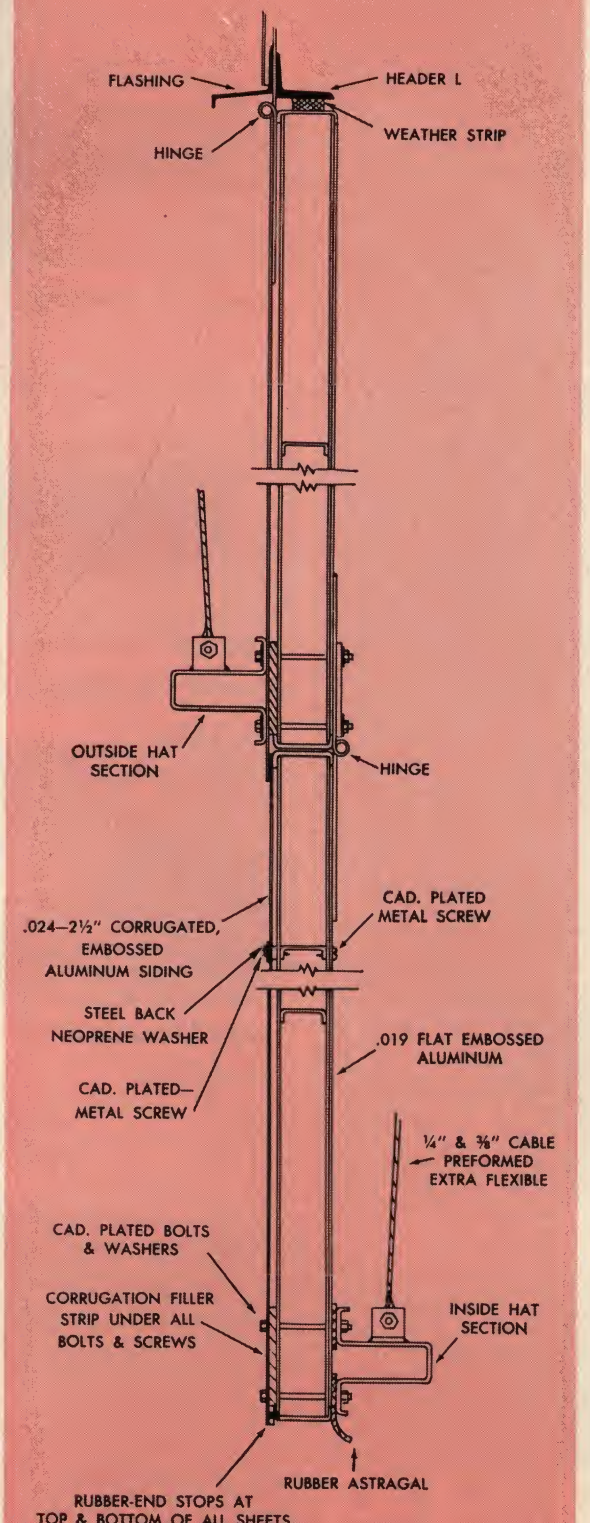
Your Mosher door folds horizontally as it rises upward and outward to form a protective canopy. Steel purlins are installed across the width of the door, inside and outside.

access and walk-in doors

Where foot traffic to and from building is necessary while your Mosher door is closed, access or walk-in doors can be installed at any desired point.

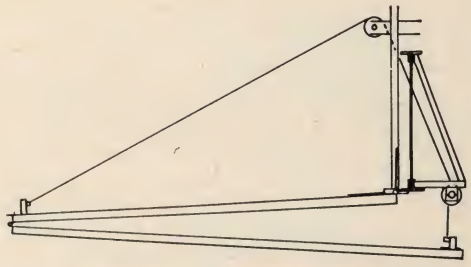
Cessna Aircraft Co., Morristown, New Jersey

Stewart Lumber Co. Wood Treating Plant and Dry Kiln, Minneapolis, Minnesota

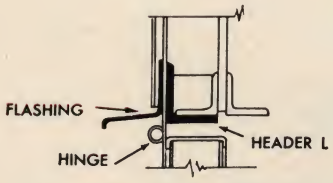


TYPICAL DOOR SECTION

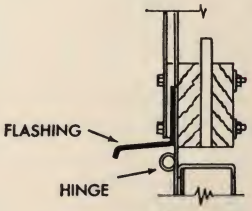
Patent No. 2548042
U.S. and Canadian patents pending



BRACKET ARRANGEMENT

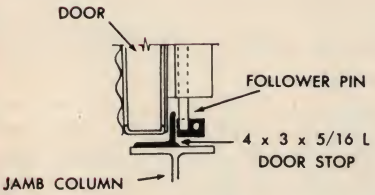


DOOR FRAMING WITH LONG SPAN JOIST

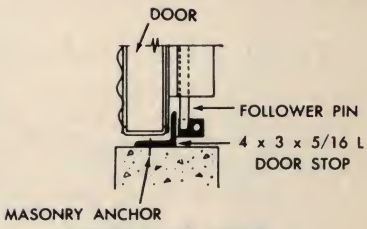


DOOR FRAMING WITH WOOD ARCH

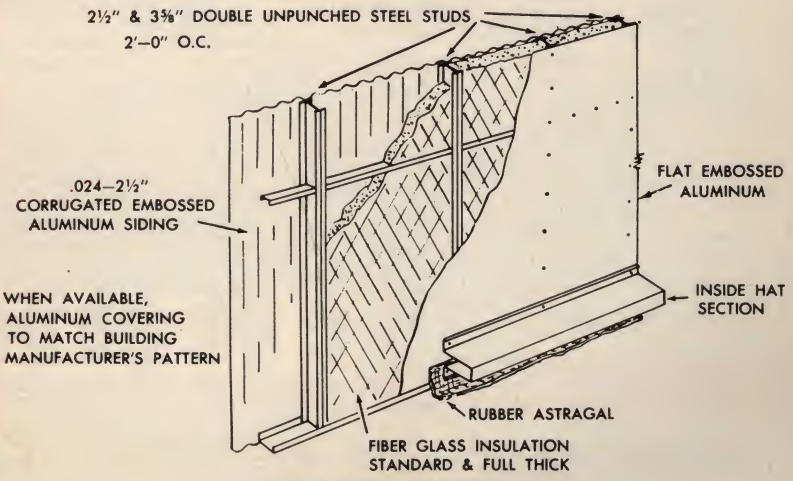
INSTALLATION DETAILS



SECTION AT JAMB (STRUCTURAL)



SECTION AT JAMB (MASONRY)


2½" & 3⅝" DOUBLE UNPUNCHED STEEL STUDS 2'—0" O.C.
.024—2½" CORRUGATED EMBOSSED ALUMINUM SIDING
WHEN AVAILABLE, ALUMINUM COVERING TO MATCH BUILDING MANUFACTURER'S PATTERN
FLAT EMBOSSED ALUMINUM
INSIDE HAT SECTION
RUBBER ASTRAGAL
FIBER GLASS INSULATION STANDARD & FULL THICK

DOOR COMPOSITION

MOSHER

ELECTRICALLY OPERATED

DOORS

SUGGESTED SPECIFICATIONS

general

Door where shown on drawing shall be a free operating door of the bifold type without counterweights, balance springs, or tracks, electrically operated to swing upward and downward, to provide a projecting canopy when in open position; all as manufactured by Mosher Manufacturing Company of Minneapolis, Minnesota, or as approved by architect.

construction

frame Frame sections shall be of uniform quality structural grade steel conforming to ASTM specifications, Designation A-245, but with minimum yield point of 40,000 psi instead of 33,000 psi. All sections to be treated with rust resisting red oxide or red zinc chromate paint.

surface covering Door frame shall be covered on both sides with corrugated embossed aluminum (with sheets as furnished by building manufacturer to match building exterior).

insulation Door shall be insulated with fiber glass insulation between surface coverings.*

dimensions Dimensions shall be as shown on Drawing.

operator Door shall be raised and lowered by means of a steel cable or cables wound on a drum or drums and passed through a pulley by a three-position manual switch located as indicated on drawing. Operator shall permit door to be positively locked in position at any degree of door opening. No counterweights or balance springs shall be employed.

access or walk-in door* Access or walk-in door shall be provided in lower section of door as shown on Drawing and shall be of dimensions shown on Drawing.

glazing* Door shall be glazed as shown on Drawing with clear window glass of standard commercial quality (with corrugated, translucent plastic of high impact strength).

installation Door shall be installed by Contractor. (Installation shall be supervised by door manufacturer)*

*Optional at modest additional cost

INFORMATION NEEDED ON INQUIRIES

Every Mosher door is individually engineered to the requirements of the building in which it's going to be used. To provide specific information about your planned installation, we shall need the following data. (See page 3 for installation details.)

Construction: metal____ frame ____ masonry ____
other____
Roof: flat____ gable____ round____ other____
Height of opening: ____ Width of opening: ____
Desired clearance height (door open): ____
Is walk-in door desired?____
Number of glazed openings desired: ____
Glazing material to be used: ____
Insulation required:____

OUR BEST SALESMEN ARE SATISFIED USERS

There is no more persuasive salesman than a satisfied customer—and of salesmen like this Mosher has a host. Mosher doors are in constant use on buildings large and small, from one end of the land to the other. You, too, can specify a Mosher door with confidence if you know that users recommend and approve Mosher installations. Listed below are only a few of the many cities and towns where Mosher doors are being used every day.

ALASKA
Anchorage
Bethel
Fairbanks

CALIFORNIA
Oakland

CANADA
Fort William
Montreal

FLORIDA
Sarasota
Miami

ILLINOIS
Carlinville
Chicago
Crystal Lake
Decatur

ILLINOIS—cont.
Elgin
Libertyville
Mount Vernon
Palestine
Salem

INDIANA
Anderson
Fort Wayne
Kokomo
Lafayette

IOWA
Cedar Falls
Decorah
Maquoketa
Mason City
Riceville
Waterloo

KANSAS
Kansas City
Lawrence
Saratoga

LOUISIANA
Shreveport

MAINE
Augusta
Greenville

MARYLAND
Fort Meade
Washington, D.C.

MICHIGAN
Alma
Benton Harbor
Detroit
Grand Ledge

MICHIGAN—cont.
Lansing
Midland
Pontiac

MINNESOTA
Albert Lea
Brainerd
Minneapolis
New Ulm
St. Cloud
St. Paul

NEBRASKA
North Brunswick
Omaha

NEW JERSEY
Morristown

NEW YORK
Olean
Syracuse

NEW MEXICO
Encino

NORTH DAKOTA
Starkweather
Williston

OHIO
Austinburg
Cincinnati
East Liberty
Marion

PENNSYLVANIA
Aliquippa
Beaver Falls
Harrisburg
Pottstown

SOUTH DAKOTA
Esmond
Pierre

TEXAS
Austin
Big Spring
Houston
Kerrville

VERMONT
North Springfield

WISCONSIN
Fond du Lac
La Crosse
Madison
Osceola

WYOMING
Pinedale

MOSHER
MANUFACTURING COMPANY

421 N. E. JOHNSON ST. • MINNEAPOLIS 13, MINN.

PHONE: FEderal 9-4776

HOUSTON, TEXAS

MINNEAPOLIS, MINNESOTA

ANCHORAGE, ALASKA

SIOUX CITY, IOWA

HOUSTON, TEXAS

FREMONT, MICHIGAN

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